

Table 1 – Energy Supply and Demand (ESD)

Option No.	GHG Reduction Policy Option	Potential GHG Emissions Reduction	Cost per Ton	Externalities, Feasibility Considerations	Priority for Analysis	Notes
ES-1	EMISSIONS POLICIES AND OVERARCHING ITEMS					
1.1	GHG cap and trade					
1.2	Carbon (GHG) tax					
1.3	Generation Performance Standards or Mitigation Requirements					
1.4	Voluntary GHG targets					
1.5	Technology R&D					
ES-2	RENEWABLE ENERGY AND ENERGY EFFICIENCY					
2.1	Renewable and/or Environmental Portfolio Standard					
2.2	Grid-based Renewable Energy Incentives and/or Barrier Removal					
2.3	Distributed Renewable Energy Incentives and/or Barrier Removal					
2.4	Green Power Purchases and Marketing					

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2.5	Combined Heat and Power (CHP) Incentives and/or Barrier Removal					
2.6	Pricing strategies to promote renewable energy and/or CHP (e.g. net metering)					
2.7	Renewable energy development issues (zoning, siting, etc.)					
2.8	Demand-side energy efficiency (RCI focus)					
2.9	Technology-focused initiatives (biomass, energy storage, etc.)					
ES-3	FOSSIL FUEL AND NUCLEAR ELECTRICITY					
3.1	Advanced fossil fuel technology incentives, support, or requirements (IGCC, CCS, etc.)					
3.2	Nuclear Power Support and Incentives					
3.3	Efficiency Improvements and Repowering Existing Plants					
3.4	Biomass co-firing at fossil fuel power stations					
3.5	Technology-focused initiatives (fuel cells, energy storage, etc.)					

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ES-4 Fuel Production, Processing, and Delivery						
4.1	Oil and Gas Production: GHG Emission Reduction Incentives, Support, or Requirements					
4.2	Natural Gas Transmission and Distribution					
4.3	Oil Refining: GHG Emission Reduction Incentives, Support, or Requirements					
4.4	Coal Production: GHG Emission Reduction Incentives, Support, or Requirements					
4.5	Coal-to-liquids Production: GHG Emission Reduction Incentives, Support, or Requirements					
4.6	Low-GHG Hydrogen production incentives and support					
ES-5 Carbon Capture and Storage or Reuse						
5.1	CCSR enabling policies (administration, regulation, liability, incentives)					
5.2	CCSR incentives					
5.3	R&D for CCSR					

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ES-6	Other Energy Supply Options					
6.1	Transmission System Upgrading					
6.2	General Distributed Generation Support (Interconnection Rules, Net Metering, etc.)					
6.3	Reduce Transmission and Distribution Line Loss					
6.4	Environmental (emissions) Disclosure					